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TPE S/N 09/208,105

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Ap**si**licant:

SAKAMOTO

Examiner:

O. NADAV

Serial No.:

09/208,105

Group Art Unit:

2811

Filed:

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10233.81USWP

Title:

SEMICONDUCTOR DEVICE WITH METAL WIRE LAYER MASKING (AS

AMENDED HEREIN)

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on February 28, 2001.

By: Il Be

AMENDMENT UNDER RULE 111

Assistant Commissioner for Patents Washington, D.C. 20231

23552
PATENT TRADEMARK OFFICE

Dear Sir:

In response to the Official Action dated September 29, 2000, please amend this application as follows:

In the Specification

Please change the title to -- SEMICONDUCTOR DEVICE WITH METAL WIRE LAYER MASKING--.

Please replace the paragraph beginning at page 1, line 18, with the following rewritten paragraph:

--A substrate 82 used for the IGBT 80 includes a drain layer 3 with P⁺ type, an n⁺ type layer 5 and an n⁻ type layer 7. Base regions 21 are formed in the n⁻ type layer 7, and source regions 23 with n⁺ type are formed within the base regions 21. The surface of the n⁻ type semiconductor layer 82 is covered with a gate oxidation layer 22.--

Please replace the paragraph beginning at page 1, line 25, with the following rewritten paragraph:

--Incidentally, a loss caused by switching arises as a result of a parasitic diode generated on a plane of a PN (positive-negative) junction 59. Japanese Patent laid-open publication No.